

Digest of Green Reports and Studies

Title	<i>The Site Selection Energy Report: Energy Matters</i>
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URL	http://www.siteselection.com/portal/index.shtml
Summary	<p>A summary of 10 separate articles were presented in this magazine article:</p> <ul style="list-style-type: none"> • U.S. Dept. of Energy – Thirty-three states were awarded a \$100 million by the U.S. Dept. of Energy to fund 54 smart grid training programs. • Underwriters Laboratories (UL) – In April, UL signed on as the “Nationally Recognized Testing Laboratory for, The EV Project,” which is a study of the Electric Vehicle (EV) charging station infrastructure. Also, UL is opening the biggest photovoltaic technology center of excellence in Hessen, Germany. • Southeast Energy Efficiency Alliance – Duke University and Georgia Tech researchers conducted a study on energy reform for 17 states in the south. They concluded that the south could produce 223,000 new jobs and could significantly reduce energy bills in the area if tough energy efficiency initiatives were enacted. Other energy efficiency alliances are also found throughout the U.S. • Canadian Electricity Association – They released a policy paper entitled “The Integrated Electricity System: Sustainable Electricity as the Foundation for Economic Recovery in North America.” This report talks about the relationship between Canada and the U.S. and their integrated North American electricity system and how understanding clean energy will spur a sustainable economic future. • Reuters Canadian Oil Sands Summit – The topics covered in the closed session roundtable summit was the 2007 industry’s labor challenges and oil sands issues. The issues surrounding oil sands are the extraction and refining of the oil and the harmful effects it has on the environment, wildlife, rivers, and climate. Many International Environmental Groups have voiced their opposition to Canada’s oil sands. • Wind Turbine Guidelines Federal Advisory Committee – Final recommendations by the 22 member committee on “how to minimize the impacts of land-based wind farms on wildlife and its habitat” were passed on to the Secretary of the Interior, Ken Salazar. The recommendations were reviewed by the Secretary and were passed to the U.S. Fish and Wildlife Service to be used to revise the present guidelines. These guidelines would then be published in the federal register for public review. • Nuclear Innovation North America LLC which is a combined undertaking of NRG Energy and Toshiba Corp, has reached an agreement with the Building and Construction Trades Department of the AFL-CIO in Texas to supply skilled union labor to construct two nuclear units at the South Texas Project. Construction should begin in 2012 and take approximately five years to complete and will employ about 6,000 workers. A study was also conducted on the building of the units and it showed that this construction could produce billions of dollars in business activity in the U.S. NRG Energy also has other on-going projects besides the construction of the two nuclear units. • California Israel Chamber of Commerce organized an event featuring 10 Israeli companies, which have been distinguished as industry leaders, investors, utility leaders and policymakers. Among this group, there are several energy-sector companies, such as, BrightView Systems, Designer Energy, ETV Motors Ltd, Linum Systems, and Panoramic Power. • HCL CleanTech, which is a U.S.-Israeli biofuels development company, has selected North Carolina for its administrative headquarters and its first pilot plant. This company is a “leading developer of full process technology for conversion of woody biomass to fermentable sugars and advanced biofuels.” • Twin Creeks Technologies will create 512 jobs over the next five years and invest more than \$170 million at a new solar manufacturing plant located in Senatobia, Mississippi. This is the first plant of its kind in the State and the first to take advantage of the state’s new clean energy incentives program. Also, Sunovia Energy Technologies is expanding to Sarasota County, Florida and will be adding about 68 employees over the next three years. The company “designs, develops and markets

	highly efficient renewable energy and energy conservation products in the solar and LED lighting industries.” A performance-based incentive grant has been offered to the company.
Key Findings	N/A
Recommendations	N/A
Definition of “Green”	N/A
Methodology	Article Summary
Data Sources Cited	<ul style="list-style-type: none"> • Canadian Electricity Association. • Other sources are cited in some of the links for each of the article summaries, which are located in the Energy Matters Section.
Report Geography	Calgary, Alberta; Canada; Durham, North Carolina; Hessen, Germany; Matagorda County, Texas; Northeastern United States; San Jose, California; Sarasota County, Florida; Senatobia, Mississippi; Silicon Valley, California; Southeastern United States; United States;
Green Occupations Cited	<ul style="list-style-type: none"> • Electricians • Line workers • Technicians • System operators • Power system engineers • Cyber security specialists • Transmission planners
Green Industries Cited	<ul style="list-style-type: none"> • Biotech • Electric Power Sector • Electric Vehicles • Energy Conservation Products • Nuclear Energy • Renewable Energy • Solar Panel Manufacturing • Wind Energy
Keywords	Bioenergy; Biofuel; Biomass; Bioproducts; Clean Energy; Clean Energy Incentives; Cleantech; Electric Vehicle; Electric Vehicle Powertrain; Energy-Efficiency; Energy-Sector; EV Project; Greenpeace; Hybrid Solar Air Conditioning and Heating Technology; Nuclear Power; Oil Sands; Photovoltaic Technology; Post-Combustion Carbon Capture Demonstration Unit; Renewable Energy; Smart Grid; Thin-Film Solar Panel; Wind Farm; U.S. Fish & Wildlife Service; Wind Turbines.
Legislation Cited	Yes, but only found in some of the links within the magazine article.
Bibliography (Y/N)	Yes, but only found in some of the links within the magazine article.
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